

The Poultry Industry

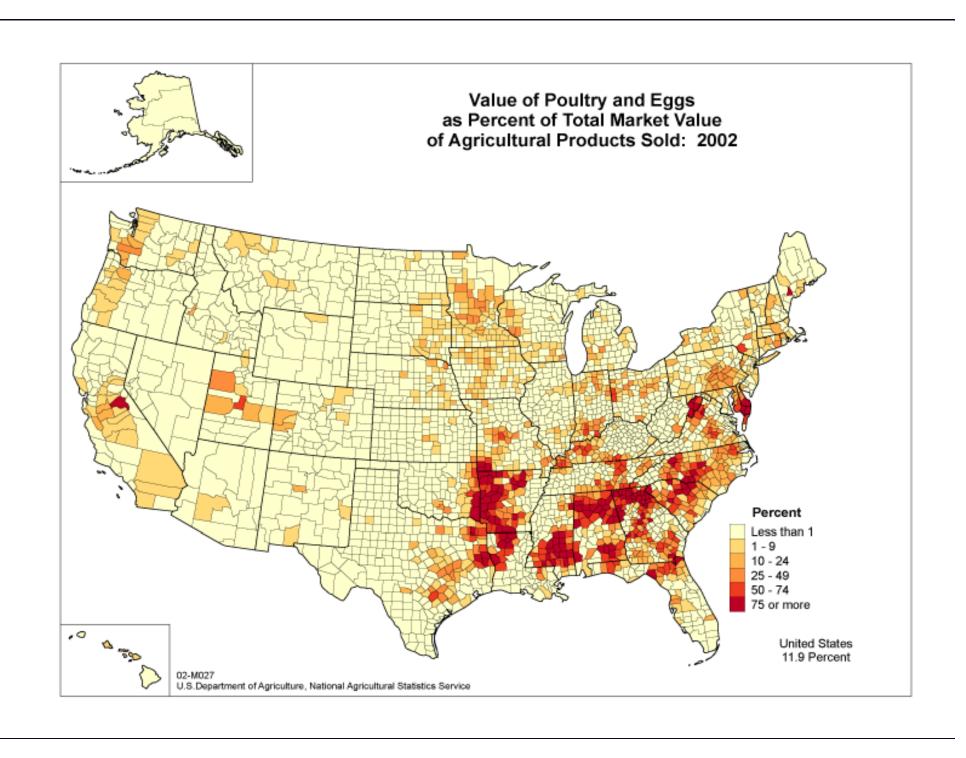
- Total poultry >85# (65# chicken, 20# turkey)
- Why?
 - Health
 - Price
 - Convenience
- King of user friendly, further processed, convenience items



The Poultry Industry

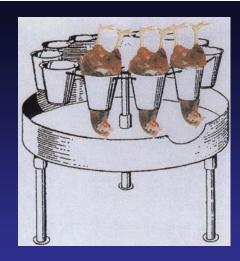
- Totally vertically integrated
- Use one and only one breed of chicken and turkey
- Don Tyson revolutionized the poultry industry
- One of the largest meat processor after purchasing IBP



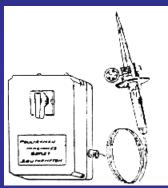




Shackling and Restraining









Stunning; electric water bath, or electric knife







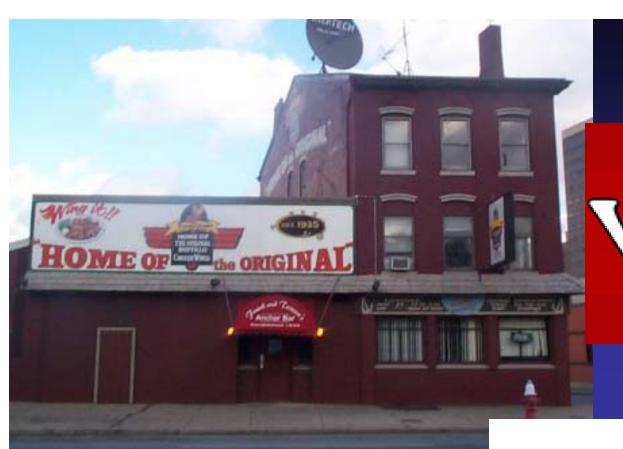


Evisceration; vacuum intestinal pack Carcasses are chill in ice water or air chilled (rare)

Further Processed, User-friendly, Convenience Items

- Revolutionized the industry by introducing and marketing further processed poultry items
- User friendly, microwavable or ready-to-eat items, convenience items
- Turkey is no longer a seasonal item
- Due to further processing, the rest of the industry is quickly following in poultries footsteps







Good TERS

Casino Hotel - Las Vegas

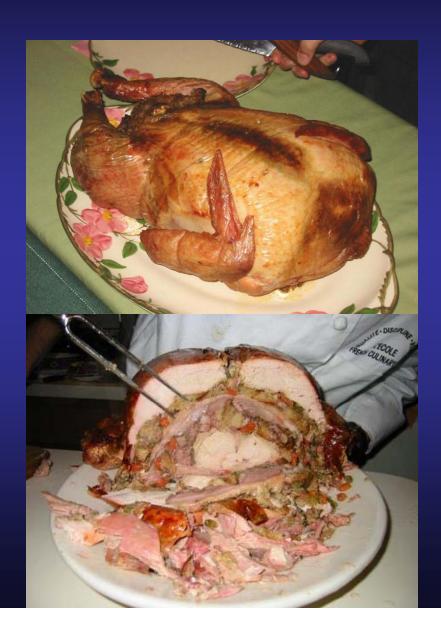


BUFFALO WILD WINGS

GRILL & BAR

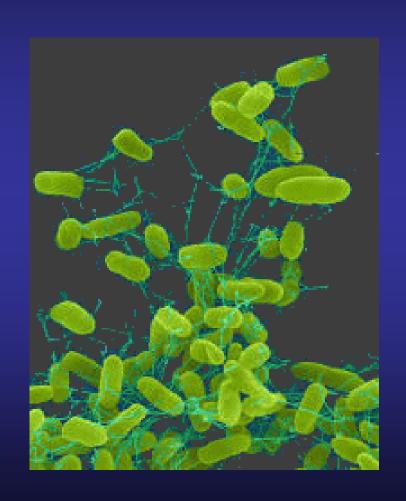
What is a Turducken??

- A Cajun Tradition; Eastern Texas and Louisiana
- A boneless turkey stuffed with a boneless duck, stuffed with a boneless chicken
- Gaps filled in with bread crumbs and sometime sausage



Concerns with the Poultry Industry

- Salmonella
 - Naturally occurring
 - Dies at 158° F
- Fear leads to over cooking
- Therefore, most poultry is "enhanced with a solution of sodium phosphate"



Common Questions

- How do I defrost a turkey?
- Refrigerator 24h
 for every 5 lbs
- Cold water 2h for every pound
- How do I cook a turkey?



Cooking a Turkey

Wt (pounds) Time (hours)

8-12	2 3/4 - 3
	L /4 U

20<
$$4\frac{1}{2} + h$$

325° F; Safe to eat at 165° F over cooked above 180° F; add 1 hour for stuffing

Frying Turkey

- Peanut Oil
- 350° F oil temperature
- Turkey needs to be totally covered, by at least 2" of oil
- 3 minutes per pound

Still need to monitor internal breast temperature

Other Poultry Stuff

Cornish Hen – Rock
 Cornish or Cornish Game
 Hen, small (<2 lbs) less
 than 5 weeks old

 Capon – Surgically neutered male chicken (12 wks or older)

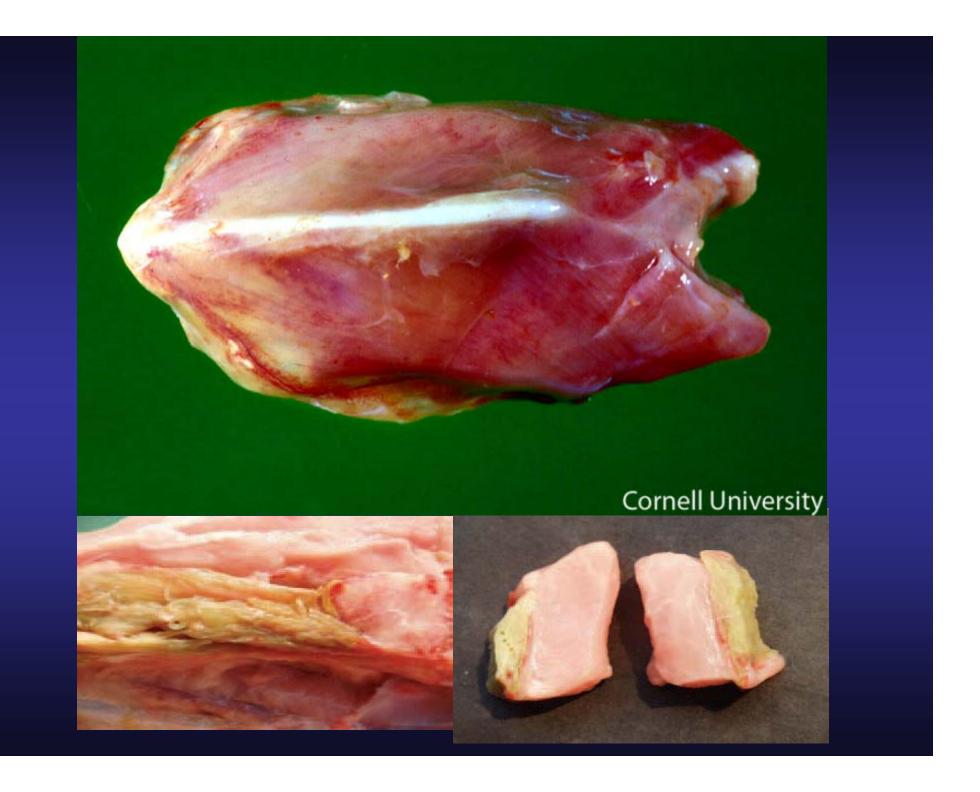
 Broiler/ Fryer – everyday chicken; either sex (10wks or less)

 Sewing Chicken or Hen – female chicken, old, not very tender



Poultry Quality Problems

- Can happen in Chickens
- Turkeys Focal myopathy, Turkey muscle myopathy, or Green Muscle Disease
 - Un-noticeable until the breast is cooked and/ or processed
 - Doesn't slice, but crumbles
 - Bred to have large breasts, excessive wing flapping will cut off the blood flow to certain parts of the breast
 - Larger, wider muscle fibers
 - Thus, muscle death



Questions?